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UBI EasyCoder 201 II
User's Manual
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* * *

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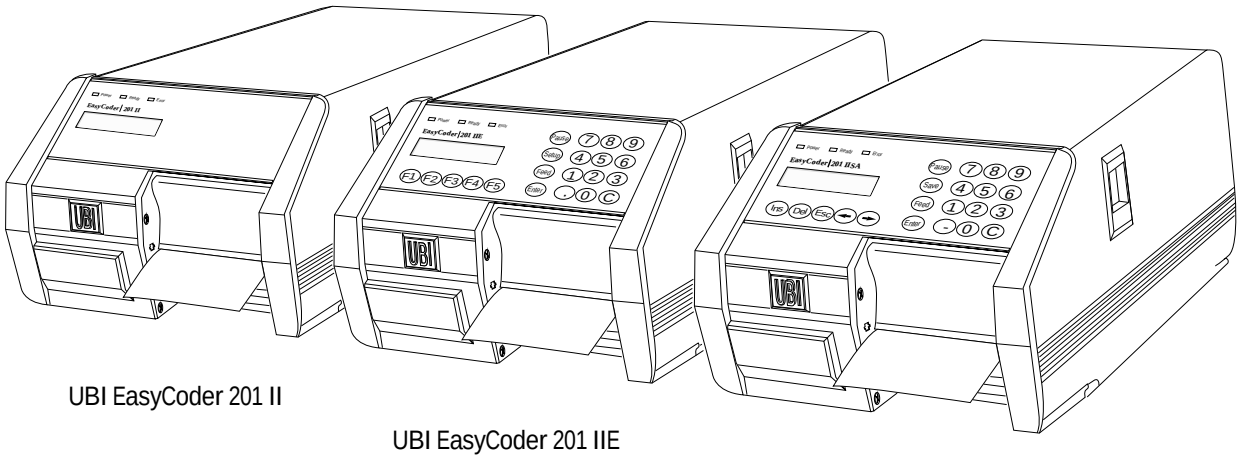
INTRODUCTION



UBI EasyCoder 201 II

UBI EasyCoder 201 IIE

UBI EasyCoder 201 IISA

The ***UBI EasyCoder 201 II*** is a series of medium to heavy duty direct thermal printers. They come in three main models intended for different types of applications:

- ***EasyCoder 201 II*** is mainly intended to be controlled by a host computer using standard or custom-made application software, e.g. the *UBI LabelShop* label-design program for *Microsoft Windows*. Being a low-cost alternative, it has fewer options than the other members of the *EasyCoder 201 II* printer family. Externally, the *EasyCoder 201 II* is distinguished by the absence of any built-in keyboard.
- ***EasyCoder 201 IIE*** *(Enhanced)* offers a built-in keyboard and a larger number of options in regard of computer connection. It is recommended for installations, where you want to switch between different application programs, or create your own programs in the built-in *UBI Fingerprint* programming language. This printer model is easily recognized by its 21-key membrane setup keyboard (F1–F5).
- ***EasyCoder 201 IISA*** is very similar to the *EasyCoder 201 IIE* model, but is fitted with a special "Stand-Alone" software and a special keyboard, which allows the printer to be operated independently, without any computer connection.

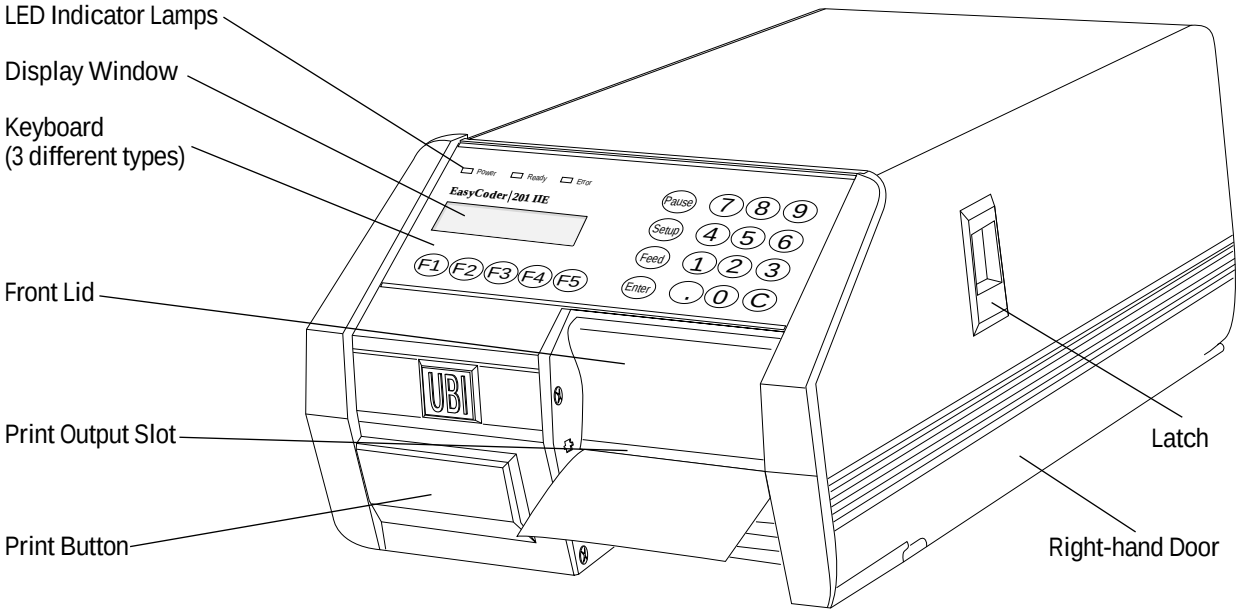
  The *EasyCoder 201 IISA* can easily be "docked" to a personal computer and loaded with label texts and formats created in the *UBI LabelShop* label-editing program running under *Microsoft Windows*.

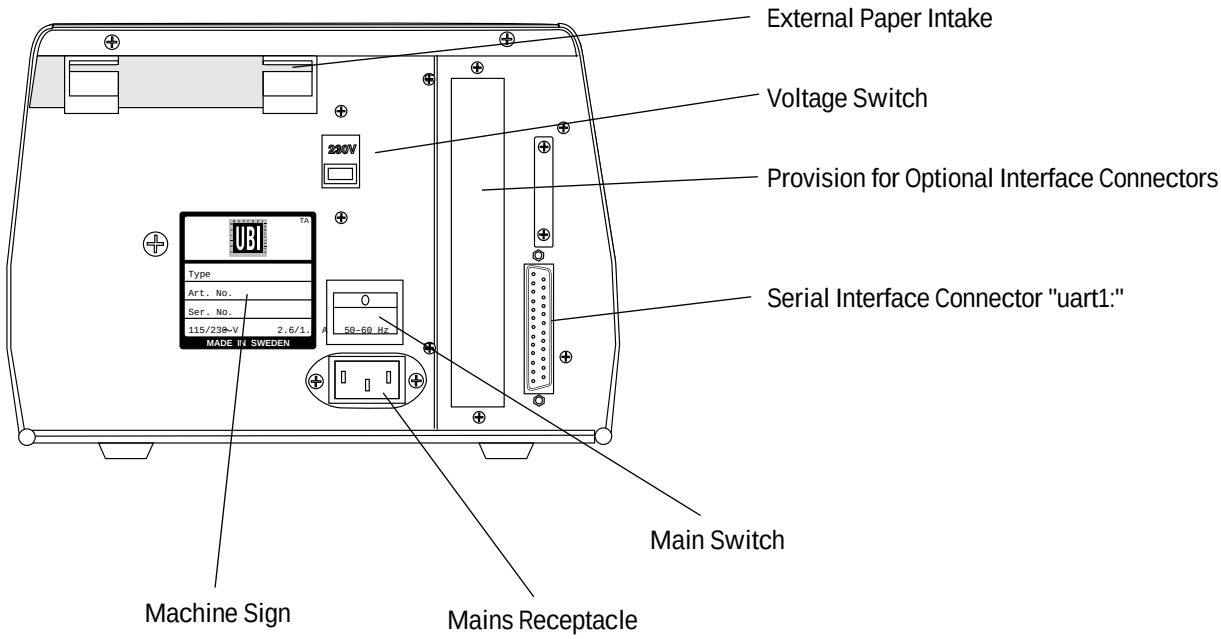
Information on the different models and options can be found in the *Technical Manual*, which also describes installation and computer connection.

The following manuals may be of interest to the operator or programmer:

- *UBI Shell 3.1 Standard, Startup Manual*
- *UBI Shell 3.1 Enhanced, Startup Manual*
- *UBI EasyCoder 201 II, Technical Manual*
- *UBI Stand-Alone Concept, Operating Instructions*
- *UBI Fingerprint 5.0, Programmer's Manual*
- *UBI Fingerprint 5.1, Update Information*
- *UBI LabelShop, Operator's Manual*
- *UBI Windows Driver, Installation Instructions*
- *UBI Macintosh Driver, Installation Instructions*

GET TO KNOW YOUR PRINTER

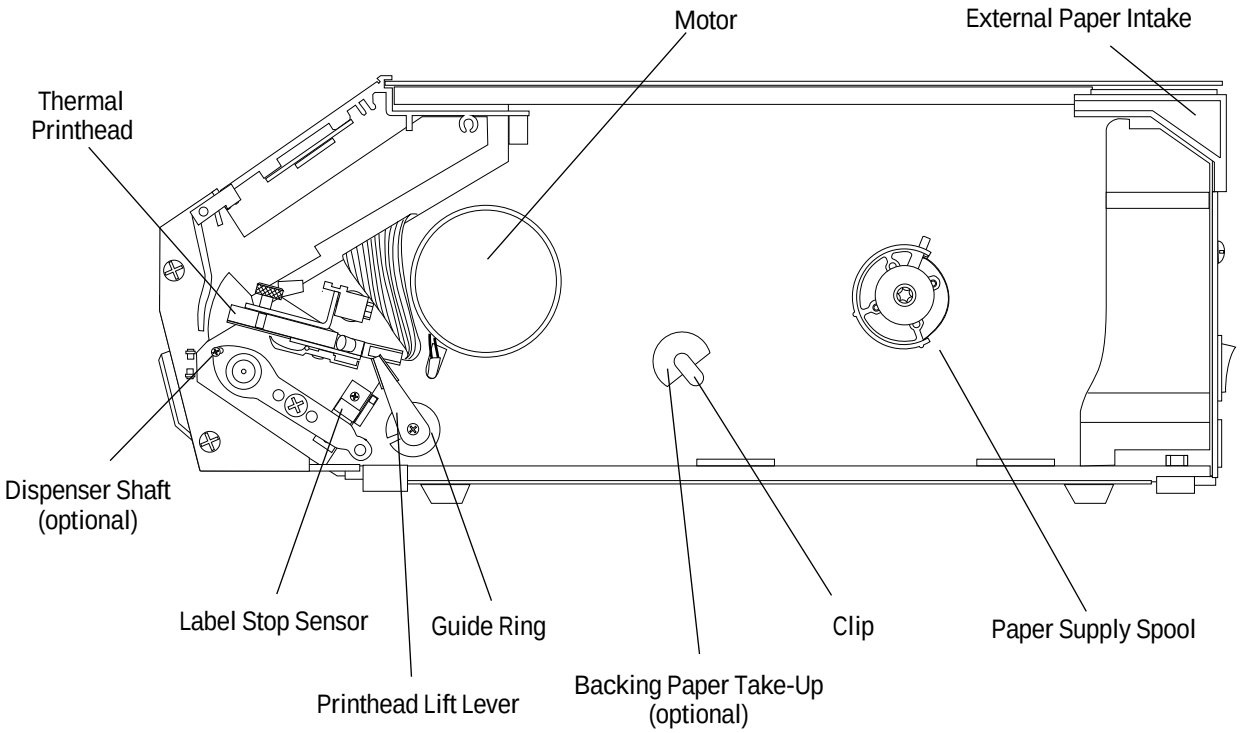


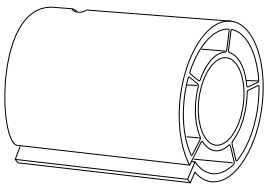


Continued!

GET TO KNOW YOUR PRINTER, cont'd.

The paper stock compartment becomes accessible when the right-hand door is swung open. Although the printer is operable when this door is left opened or completely removed, you are strongly recommended to keep it closed during normal operation, so as to prevent the printer mechanism from being exposed to dust.

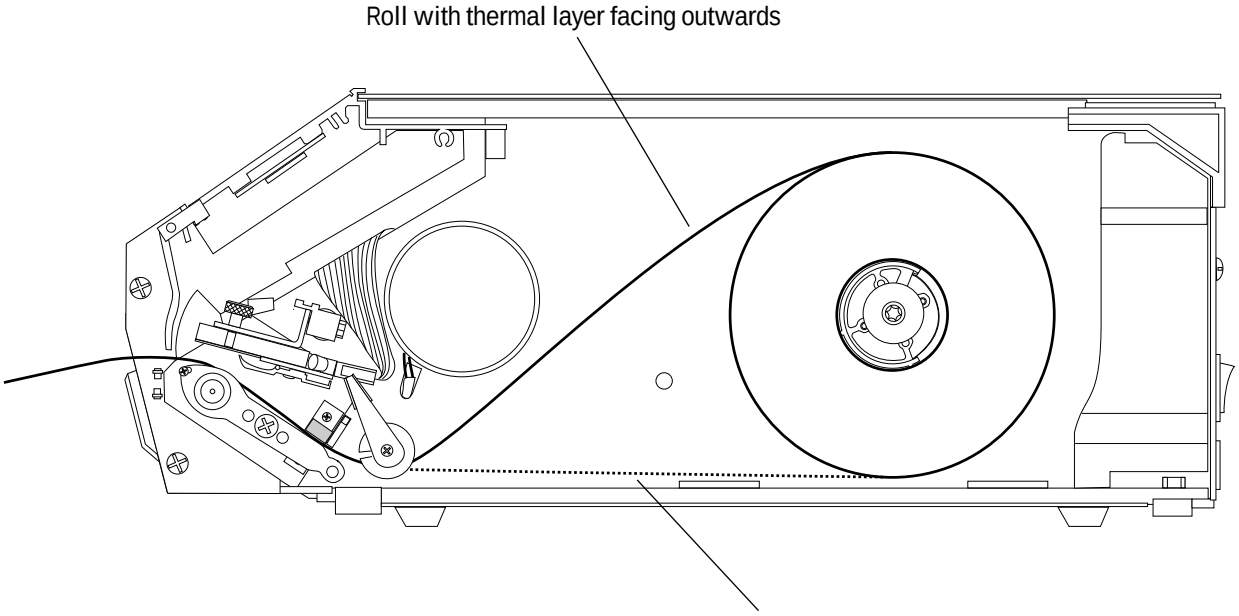




Adapter for 76 mm (3") core

PAPER LOAD

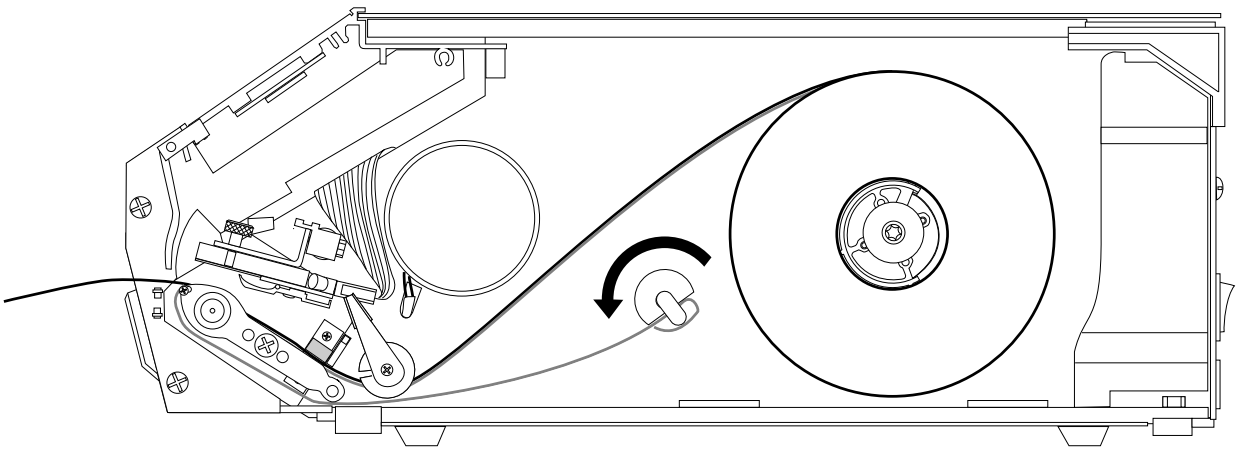
Tear-Off

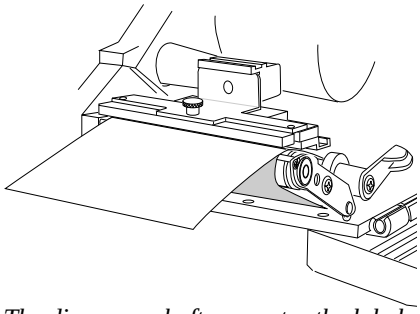


1. Turn the printhead lift lever counter-clockwise as far as it goes.
2. Fit a new paper roll on the paper supply spool and push the roll inwards as far as it will go.
3. Thread the paper underneath shaft of the printhead lift lever and under the upper leg of the label stop sensor.
4. Thread the paper past the print roller.
5. Adjust the green guide ring on the shaft so that the paper is guided with a minimum of play.
6. Turn the printhead lift lever clockwise until it snaps into locked position.
7. Feed out at least one label. To tear off the paper, pull it **upwards**.

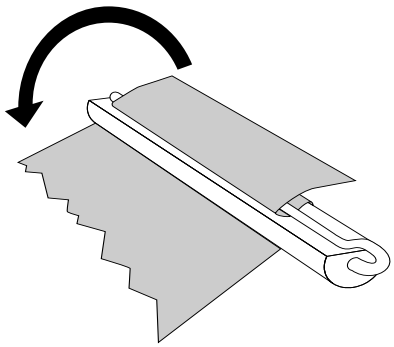
PAPER LOAD, cont'd.

Peel-Off





The dispenser shaft separates the labels from the backing paper.

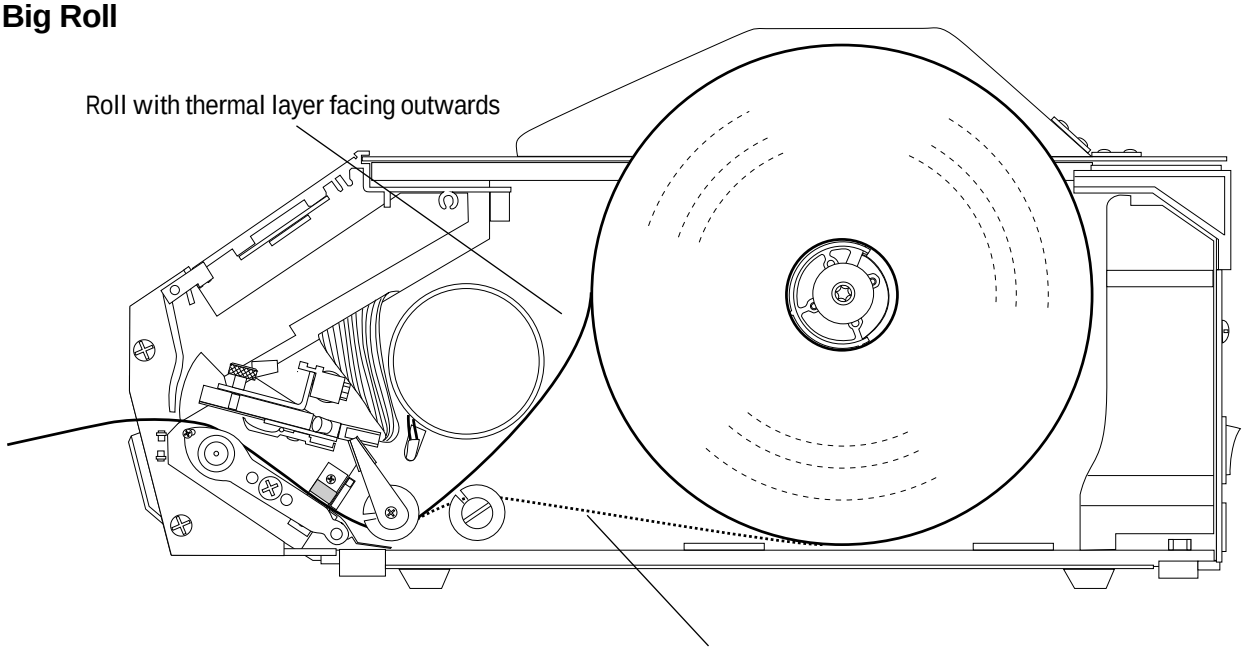


Attach the backing paper to the take-up shaft like this. Then rotate the shaft c.c.w. a few turns.

1. Turn the printhead lift lever counter-clockwise as far as it goes.
2. Pull out the green clip on the backing paper take-up and dispose of all wound-up backing paper.
3. Fit a new paper roll on the paper supply spool and push the roll inwards as far as it will go.
4. Thread the paper underneath the shaft of the printhead lift lever and under the upper leg of the label stop sensor.
5. Thread the paper past the print roller.
6. Remove the labels from the first 25 cm (10") of the paper web. Wrap the backing paper around the print roller and dispenser shaft, as illustrated to the left. Then thread it back under the print mechanism and the shaft of the printhead lift lever.
7. Fold the backing paper around the clip on the backing paper take-up as illustrated to the left. The rotate the shaft counter-clockwise a few turns until the backing paper is firmly attached.
8. Tighten the paper web and adjust the green guide ring so that the paper is guided with a minimum of play.
9. Turn the printhead lift lever clockwise until it snaps into locked position.
10. Feed out at least one label.

PAPER LOAD, cont'd.

Big Roll

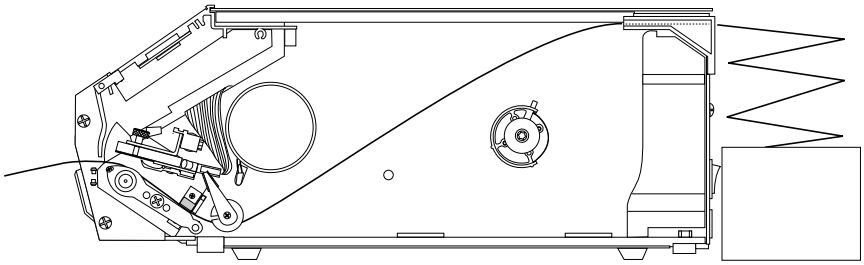


1. Turn the printhead lift lever counter-clockwise as far as it goes.
2. Fit a new paper roll on the paper supply spool and push the roll inwards as far as it will go. (If necessary, fit the 3" bobbin adapter onto the paper supply spool and secure it with the screw before fitting the paper roll).
3. In case of a paper roll with the thermal layer facing inwards, thread the paper above the guide shaft immediately to the rear of the printhead lift lever.
4. Thread the paper underneath shaft of the printhead lift lever and under the upper leg of the label stop sensor.
5. Thread the paper past the print roller.
6. Adjust the green guide rings on the shafts so that the paper is guided with a minimum of play.
7. Turn the printhead lift lever clockwise until it snaps into locked position.
8. Feed out at least one label. To tear off the paper, pull it **upwards**.

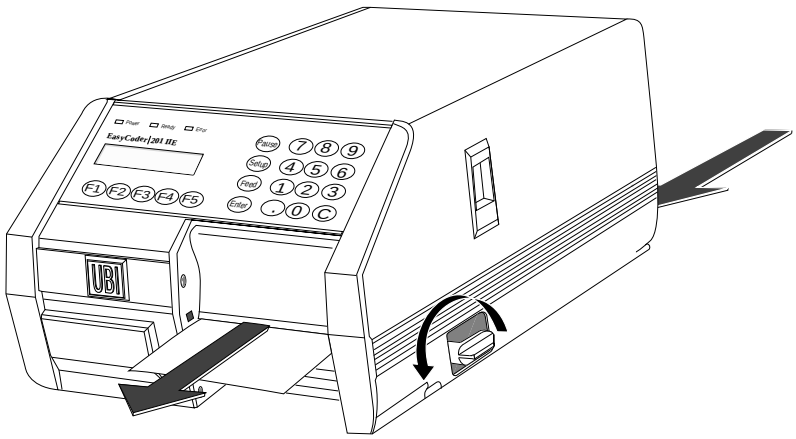
PAPER LOAD, cont'd.

External Supply

The *EasyCoder 201 II* printers can use various types of external supplies, e.g. boxes of fan-folded tickets or an external paper roll thanks to its external paper intake. The outer guide is adjustable for different paper widths.



The *EasyCoder 201 II Bag Tag* printer is fitted with guide rails under its bottom plate, that makes it possible to thread the paper without opening the right-hand door.



1 Turn the printhead lift knob counter-clockwise as far as it goes.

2 Pull out any remaining paper stock.

3 Insert the new paper web between the guides underneath the printer's rear plate. The thermal layer should face upwards.

4 Gently push the paper web until it protrudes through the feed-out slot at the front.

6 Turn the printhead lift knob clockwise until it snaps into locked position.

7 Feed out at least one label. To tear off the paper, pull it **upwards**.

Note!
When an external paper supply is used, take precautions to protect the paper stock from sand, grit and other hard particle, that may damage the printhead.

MAINTENANCE

Cleaning the Printhead and Print Roller

WARNING!
The printhead and print roller are very delicate.
Never use any tools to remove stuck labels or to clean the printhead.

Cleaning on a regular basis is important for life of the printer and for the printout quality.

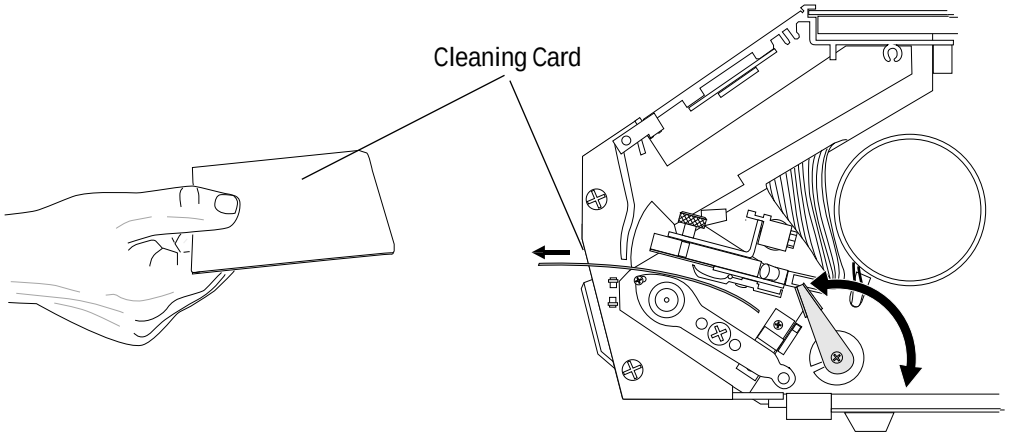
1 Turn the printhead lift lever counter-clockwise and remove the paper web.

2 Insert a Printhead Cleaning Card into the print mechanism, allowing 2–3 cm (1") to extend in front of the printhead.

4 Turn the knob clockwise to locked position and slowly pull out the cleaning card. Repeat if necessary.

5 Using a piece of cloth or blotting paper slightly moistened with isopropanol, clean the print roller and the dispenser edge.

6 **Important!**
Allow a couple of minutes for the cleaned parts to get dry before loading paper and ribbon.



External Cleaning

Wipe the outside surfaces using a damp piece of cloth. If necessary, add a mild detergent. Be careful not to allow any water to penetrate into the interior of the printer.

CAUTION!
Remove the power cord before cleaning.
Dangerous voltage!

Protection Against Dust

Protect paper and ribbon from dust by always keeping the stock compartment door closed. In case of an external paper supply, it is strongly recommended that both the actual supply and the web path be protected by some kind of dust cover. Dirt, sand, grit etc. may rapidly cause irreparable damage to the printhead.

TROUBLE SHOOTING

Printout Troubles

The list below is intended to help the operator to correct possible printout troubles or flaws in printout quality, and to decide when assistance from the Service dept. of the nearest *UBI* distributor is required. Note that most problems are due to operating errors or normal wear of the printhead.

Symptom	Possible Cause	Remedy	Refer to
Overall weak printout	Wrong Paper type setup Low Contrast setup Worn printhead Wrong printhead voltage	Change Increase value Replace Repair CPU	Technical Manual Technical Manual TPH Install Instructions ✎ Call Service
Printout weaker on one side	Uneven printhead pressure	Adjust	✎ Call Service
Weak spots	Foreign particles on paper Poor paper quality Worn printhead Worn pressing roller	Remove Use other media Replace Replace	n.a. Technical Manual TPH Install Instructions ✎ Call Service
Overall dark printout	Wrong Paper Type setup Contrast setup too high Wrong printhead voltage	Change Decrease Repair CPU	Technical Manual Technical Manual ✎ Call Service
Excessive bleeding	Wrong Paper Type setup Contrast setup too high Faulty energy control	Change Decrease Check CPU board	Technical Manual Technical Manual ✎ Call Service
Dark lines along paper web	Foreign objects on printhead	Clean	User's Manual p. 10
White lines along paper web	Printhead dirty Missing dots on printhead	Clean Replace	User's Manual p. 10 TPH Install Instructions
Large part of dot line missing	Wrong X-start or Width setup Failing printhead Failing strobe signal	Change Replace Check CPU-board	Technical Manual TPH Install Instructions ✎ Call Service
Last part of label missing	Too small image buffer	Increase size	Technical Manual
Printout missing along inner edge	Bad paper alignment X-start setup too low	Adjust Increase value	User's Manual p. 6-9 Technical Manual

NOTES